

**CHARACTERIZATION OF OBJECTS OF A COMPUTER  
PROGRAM WHILE RUNNING SAME**

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**ABSTRACT**

A method is provided for characterizing objects generated during an initial run of  
a program, each object being characterized by a number of alternative  
properties which can be chosen. The method entails  
instrumenting an initial run of program to determine characterization information  
about each of objects, then determining a desirable property for each object,  
then determining a correlation between the desirable property and the  
characterization information for each of said objects. This correlation is then  
used to select an property for an object that is subsequently created during a run  
of the program based only upon characterization information about the  
subsequently created object.